

EDUCATION

- ❖ M.A. International Relations, 2014-2015, The Fletcher School of Law and Diplomacy, Tufts University
- ❖ B.A., International Studies, Business, Colby College, 1997-2001, Phi Beta Kappa, *magna cum laude*, Dean's List, Distinction in first major

PROFESSIONAL HISTORY

- ❖ ICF International-China (06/2009-present) Lead Managing Consultant, Project Manager, Senior Associate
- ❖ ICF International (07/2001-5/2009) Associate, Analyst, Research Assistant
- ❖ Colby College Government Department (05/2001–06/2001) Research Assistant
- ❖ Natural Resources Defense Council of Maine (01/2001–05/2001) Communications Intern

LEADERSHIP

- ❖ US-China Energy Efficiency Alliance, Technical Advisory Group (03/2014-present)
- ❖ Hong Kong Business Environment Council, Energy Advisory Group (06/2013-03/2015)
- ❖ Co-Chair, US-China Energy Cooperation Program Energy-efficient Building Design Working Group (02/2012-03/2015)

TRAINING AND CERTIFICATION

- ❖ Beginner Chinese, Middlebury College Language School, Middlebury, V.T. 2005

AWARDS

Rotary Ambassadorial Scholarship, 2005
ICF Energy Cluster Award, 2002
George F. Baker Scholarship, 2000

LANGUAGES

- ❖ English: Native.
- ❖ Mandarin Chinese: Interagency Language Roundtable (ILR) limited proficiency in reading, general proficiency in speaking (test 08/2014).
- ❖ Spanish: Limited proficiency in reading, writing, and speaking.

SELECTED PUBLICATIONS

- ❖ "Clean Technology." *2014 American Business in China White Paper*. (Apr. 2014): 186-192.
- ❖ "Construction, Equipment, Technology, and Operational Characteristics of Very Low-Energy Hotels in China." *Paper Collection for the Tenth International Conference on Green and Energy-Efficient Buildings* (Mar. 2014): 1-15.
- ❖ "The Importance of O&M for Green Buildings." *Energy Review* 32 (Aug. 2011): 68-70.
- ❖ "2010 Energy Benchmarking Survey Summary of Findings." *Horwath Newsletter*, China (Jan 2011).

REGIONS OF WORK EXPERIENCE

US, China, Hong Kong, Indonesia, Philippines, Taiwan, Thailand

PROFESSIONAL SUMMARY

- ❖ *Program Lead – US Department of Energy (DOE) US-China Energy Research Center (CERC) (01/2011-3/2015t).*
 - Led US\$0.6 million five-year grant program of US DOE and China Ministry of Housing and Urban-Rural Development (MOHURD) to build the first comparative building energy benchmarking system for China.
 - Managed large-scale data collection, regression analysis, algorithm development, and web-based energy benchmarking system development.
 - Led coordination with government, academic, and industry partners, including China Academy of Building Research, Disney, Lawrence Berkeley National Laboratory, Lend Lease, MOHURD, Natural Resources Defense Council, and Tsinghua University.
- ❖ *Program Manager – US Agency for International Development (USAID) Energy Efficiency for Clean Development Program (EECDP) (01/2013-03/2015).*
 - Led US\$0.3 million, 1.5-year program of USAID to develop and pilot the first building energy benchmarking system for Indonesia and promote replication and joint efforts on benchmarking across Association of Southeast Asian Nation (ASEAN) countries.
 - Led partner recruitment and training on building energy benchmarking and energy management techniques to approximately 90 hotel operators across Indonesia.
 - Delivered capacity building and training on benchmarking to key government ministries and stakeholders, including: Indonesia Ministry of Energy and Mineral Resources; Philippines Department of Energy (PDOE); and Philippines Green Building Council.
- ❖ *Project Manager – World Bank/Global Environment Facility (GEF), Urban-Scale Building Energy Efficiency and Renewable Energy Project (10/2014-03/2015).*
 - Led ICF technical support to MOHURD and China Academy of Building Research (CABR) for a three-year, \$0.75 million project to develop and demonstrate tools and guidelines for a Chinese national building energy performance benchmarking and disclosure program.
- ❖ *Program Manager – International Finance Corporation (IFC) Mid-term Evaluation of China Utility-based Energy Efficiency 3 (CHUEE 3) Program (04/2014-07/2014).*
 - Led mid-term evaluation of CHUEE 3 to assess the likelihood of the program achieving its intended carbon emissions reductions of 3.75 million tonnes CO₂/year through loans for energy efficiency and renewable energy projects in small and medium enterprises (SMEs) in China.
 - Managed team on desk review and interviews with 36 stakeholders from: IFC; China Banking and Regulatory Commission; Clean Development Mechanism Fund; and Chinese banks.
 - Led presentation of findings to IFC and Global Environment Facility (GEF).
- ❖ *Program Manager – World Bank Preparation for Low Carbon City in Shanghai Project (12/2012-07/2012).*
 - Led study on international building energy benchmarking methods and policies for the World Bank/GEF Green Energy for Low Carbon City Project in Changning District, Shanghai.
 - Summarized relevant energy benchmarking methods and policies in the World Bank report, *Policy Frameworks and Business Models for Building Retrofit in Changning District, Shanghai*.
- ❖ *Deputy Chief of Party – USAID US-China Sustainable Buildings Program (10/2008-09/2012).*
 - Managed a US\$2.75 million, four-year grant program of USAID to promote sustained energy and carbon emissions reductions in the Chinese commercial building sector.
 - Led outreach and training to more 5,500 Chinese building managers across 11 cities in China on low-cost building energy efficiency techniques.
 - Led cooperation with China Green Building Council and US Green Buildings Council (USGBC) to increase uptake of their voluntary green building certification.
- ❖ *Program Manager – US Environmental Protection Agency (EPA) Energy-efficient Buildings Program (07/2002-01/2009).*
 - Managed US\$3 million, seven-year program of the US EPA to share lessons of the ENERGY STAR program with fast-developing cities in Asia (Beijing, Delhi, Mumbai, Shanghai, Taipei.)
- ❖ *Account Manager – US EPA ENERGY STAR Program (7/2001-6/2005).*
 - Assisted Starwood, Exxon Mobile, Hilton, Neuberger Berman, and Hines to design and implement corporate energy management strategies.